Beceipt date: 08/14/2009 10500854 - GAUG 2624

LOG CODE: LUS

Approved for use through 077/12/20 MB 085/10/20 ME

Approved for use through 077/12/20 MB 085/10/20 ME

U.S. Patent and Transact Office; U.S. DPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless 1 contains a valid ONA control number.

| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>( Not for submission under 37 CFR 1.99) | Application Number         |       | 10500854       |  |  |
|---|----------------------------|-------|----------------|--|--|
|   | Filing Date                |       | 2005-03-24     |  |  |
|   | First Named Inventor       | Peter | William McOwan |  |  |
|   | Art Unit                   |       | 2624           |  |  |
|   | Examiner Name Park, Edward |       | Edward         |  |  |
|   | Attorney Docket Numb       | er    | **03-0005      |  |  |

| U.S.PATENTS   |            |   |   |                 |                     |   |      | Remove  |  |  |
|---|------------|---|---|-----------------|---------------------|---|------|---|--|--|
| Examiner<br>Initial*  | Cite<br>No | Patent Number                           | Kind<br>Code <sup>1</sup>                             | Issue D         | )ate                | of cited Document                                     |      |   | es,Columns,Lines where<br>vant Passages or Relevant<br>res Appear        |  |
|   | 1          |   |   |                 |                     |   |      |   |  |  |
| If you wish to add additional U.S. Patent citation information please click the Add button.   |            |   |   |                 |                     |   |      |   |  |  |
| U.S.PATENT APPLICATION PUBLICATIONS Remove  |            |   |   |                 |                     |   |      |   |  |  |
| Examiner<br>Initial*  | Cite<br>No | Publication Number                      | Kind<br>Code <sup>1</sup>                             | Publica<br>Date | tion                | Name of Patentee or Applicant of cited Document       |      | Releva  | ages,Columns,Lines where<br>elevant Passages or Relevant<br>gures Appear |  |
|   | 1          |   |   |                 |                     |   |      |   |  |  |
| If you wish to add additional U.S. Published Application citation information please click the Add button. Add  |            |   |   |                 |                     |   |      |   |  |  |
|   |            |   |   | FOREIC          | SN PAT              | ENT DOCUM   | ENTS |   | Remove   |  |
| Examiner<br>Initial*  | Cite<br>No | Foreign Document<br>Number <sup>3</sup> | Country Kind<br>Code <sup>2</sup> j Code <sup>4</sup> |                 | Publication<br>Date | Name of Patentee or<br>Applicant of cited<br>Document |      | Pages,Columns,Lines<br>where Relevant<br>Passages or Relevant<br>Figures Appear | т5   |  |
|   | 1          |   |   |                 |                     |   |      |   |  |  |
| If you wish to add additional Foreign Patent Document citation information please click the Add button Add  |            |   |   |                 |                     |   |      |   |  |  |
| NON-PATENT LITERATURE DOCUMENTS Remove  |            |   |   |                 |                     |   |      |   |  |  |
| Examiner Cite Initials* Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. |            |   |   |                 |                     |   |      |   | T5   |  |

| Receipt date: 08/14/2009   | Application Number   |       | 10500854       | 10500854 - | GAU: 2624 |
|--|----------------------|-------|----------------|------------|-----------|
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>(Not for submission under 37 CFR 1.99) | Filing Date          |       | 2005-03-24     |            |           |
|  | First Named Inventor | Peter | William McOwan |            |           |
|  | Art Unit             |       | 2624           |            |           |
|  | Examiner Name        | Park, | Edward         |            |           |
|  | Attorney Docket Numb | er    | **03-0005      |            |           |
|  |                      | -     |                |            |           |

|                    | 1       | Tangen       | t Space Representation, http://knight.cix.te | mple.edu/~shape/shape/tangent_space.html  | , 08/13/2009, 3 pgs. |  |
|--------------------|---------|--------------|--|---|----------------------|--|
| If you wis         | sh to a | dd additi    | onal non-patent literature document ci       | tation information please click the Add b | utton Add            |  |
|                    |         |              | EXAMINE                                      | R SIGNATURE                               |                      |  |
| Examiner Signature |         | ature        | /Edward Park/                                | Date Considered                           | 09/10/2009           |  |
| *EXAMIN            | IER: Ir | nitial if re | ference considered, whether or not cit       | ation is in conformance with MPEP 609.    | Draw line through a  |  |

<sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precode the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.